

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|                       |                     |   |                            |
|-----------------------|---------------------|---|----------------------------|
| Art Unit:             | 3753                | : |                            |
| Examiner:             | John A. Rivell      | : |                            |
| In re Application of: |                     | : | METHODS AND SYSTEMS FOR    |
|                       |                     | : | PERFORMING, MONITORING AND |
|                       | John K. Apostolides | : | ANALYZING MULTIPLE MACHINE |
|                       |                     | : | FLUID PROCESSES            |
| Serial No.:           | 10/820,551          | : |                            |
| Filing Date:          | April 8, 2004       | : |                            |

RESPONSE TO OFFICE ACTION

September 3, 2009

Mail Stop: Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Commissioner:

In response to the Office Action dated April 3, 2009, for the captioned patent application, applicant submits the present response, wherein:

Amendments to the Claims begin on page 2.

Remarks begin on page 18.

Summary begins on page 23.